

LIST OF THE COLEOPTERA TAKEN BY MR.  
GEORGE P. ENGELHARDT IN  
ALASKA IN 1938.

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The present paper is a report on the Coleoptera exclusive of the Scolytidae taken by Mr. George P. Engelhardt in southeastern, south central, and central Alaska in June and July of 1938 in the course of his search for clear-winged moths.

Seventy species and two varieties were collected, of which six are unidentified and nine are from the Stikine River, B. C., leaving a total of fifty-seven species<sup>1</sup> and two varieties cited by name from Alaska. Of these fifty-seven, nine, including *Chrysolina engelhardti* n. sp., have not previously been recorded from the territory.

The localities and dates of collecting follow. In southeastern Alaska: Ketchikan, July 16; Wrangell Is., June 18; Juneau, June 20, July 15; also Telegraph Creek on Stikine River, B. C., June 16. In south central Alaska: Anchorage, July 9-12; McKinley National Park, July 1-5. In central Alaska: Fairbanks, June 26-28. The figures in parentheses following the locality names indicate the number of specimens collected.

I am greatly indebted to Mr. Engelhardt for permission to study this material and to retain in my collection specimens of each of the species cited. In addition I am indebted to Miss Elizabeth Farrar for the identification of the *Bembidion*, to Mr. Hugh B. Leech for the *Olisthaerus*, to Mr. M. C. Lane for the Elateridae, and to Mr. Ralph Hopping for the identification of the *Tetropium*.

CARABIDAE.

*Scaphinotus (Stenocantharis) angusticollis* Mann. Juneau (23).

*S. (Brennus) marginatus* Fisch. Wrangell Is. (7).

*Carabus (Apostocarabus) chamissonis* Fisch. McKinley National Park (1).

*Elaphrus (Trichelaphrus) riparius* L. Fairbanks (1).

*Nebria (Neonebria<sup>2</sup>) viridis* Horn. McKinley National Park (1).

<sup>1</sup> Two species were taken both in Alaska and in British Columbia.

<sup>2</sup> Andrewes (Ann. Mag. Nat. Hist. (X) XVI, 1935, p. 15) points out that Latreille in 1810 validly designated *brevicollis* L. the type of *Nebria*, thus restricting *Nebria* s. str. to *Helobria* Steph. I cannot accept Andrewes' proposal to ignore this type designation, the more so as it was made by the author of the genus himself.

- Bembidion (Lionepha) erasum* LeC. Fairbanks (1). Not previously recorded from Alaska.
- B. (Micromelomalus)* species near *planiusculum* Mann. McKinley National Park (1).
- B. (M.) complanulum* Mann. McKinley National Park (1).
- B. (Peryphus) nebraskense* LeC. Fairbanks (1). Not previously recorded from Alaska.
- Patrobus fossifrons* Esch. Anchorage (1).
- Platysma*<sup>3</sup> (*Hypherpes*) *castaneus* Dej. Wrangell Is. (11), Juneau (6).
- P. (H.) amethystinus* Mann. Ketchikan (1), Wrangell Is. (2).
- P. (H.) algidus* LeC. Wrangell Is. (2).
- P. (H.) crenicollis* LeC. Wrangell Is. (3).
- P. (Cryobius*<sup>4</sup>) *riparius* Dej. McKinley National Park (2).
- P. (C.) borealis* Mén. McKinley National Park (3).
- P. (C.)* species near *macrophthalmus* Popp. from alpine Siberia. McKinley National Park (3).
- P. (C.) fastidiosus* Mann. McKinley National Park (2).
- P. (Bothriopterus) adstrictus* Esch. Wrangell Is. (1), Anchorage (8), McKinley National Park (1), Fairbanks (2).
- Amara (Curtonotus) infausta* LeC. (?). Fairbanks (1).
- A. (Stereocerus) haematopus* Dej. McKinley National Park (2).
- A. (Celia) remotestriata* Dej. Anchorage (3).
- Calathus micropterus* Duft. (*ingratus* Dej.). Anchorage (1).
- Pristodactyla advena* LeC. var. *lenis* Mann. Anchorage (7).
- Tachycellus nigrinus* Dej. Wrangell Is. (1).

## DYTISCIDAE.

- Agabus bicolor* Kby. McKinley National Park (1 ♂). The elytra are very dark brown on the disc with paler margins in the specimen at hand. Recorded by Mannerheim (Bul. Mosc., 1852, ii, pp. 158-159) from the Kenai Peninsula.

Consequently, I propose the subgeneric name **Neonebria** to replace the *Nebria* s. str. of Ganglbauer (Kaf. Mitteleur. I, 1892, p. 99), with *Carabus lividus* L. as the type.

<sup>3</sup> According to Andrewes (Ann. Mag. Nat. Hist. (X) XVI, 1935, p. 21) *Platysma* Samouelle must replace both *Pterostichus* Bonelli and *Feromia* Latreille.

<sup>4</sup> I have made my identifications in this difficult group with the aid of B. Poppius, *Zur Kenntnis der Pterostichen-Untergattung Cryobius* Chaud. (280 pp., Helsingfors, 1906) in which keys and descriptions are given to the species of both Eurasia and North America.

*A. confinis* Gyll. Fairbanks (1 ♀). Recorded by Hamilton (Trans. Am. Ent. Soc., XXI, 1894, p. 14) from Sitka and Afognak Island. I have a second specimen from Bakersville in central British Columbia.

CATOPIDAE.

*Catops (Sciodrepa) basilaris* Say. McKinley National Park (15).

LEIODIDAE.

*Leiodes* spp. Two females, representing perhaps two species, from McKinley National Park.

STAPHYLINIDAE.

*Olisthaerus megacephalus* Zett. McKinley National Park (2).

*Baptolinus macrocephalus* Nord. Wrangell Is. (1).

*Quedius (Distichalius) marginalis* Mäkl. McKinley National Park (1). Recorded by Mannerheim (Bul. Mosc., 1852, ii, no. 56) from Sitka.

*Q. (Microsaurus) mesomelinus* Marsh. Wrangell Is. (1). Cited by Hamilton (Trans. Am. Ent. Soc., XXI, 1894, p. 18) from Alaska without specific locality.

*Bolitobius cincticollis* Say. Anchorage (1).

CANTHARIDAE.

*Podabrus piniphilus* Esch. McKinley National Park (4), Stikine R., B. C. (1).

*P. heteronychus* Fall. Anchorage (1). Described (Fall, Ent. Amer., VIII, 1927, p. 101) from Manitoba and from Homer on the Kenai Peninsula.

CLERIDAE.

*Thanasimus undulatus nubilus* Klug. Fairbanks (5). Previously recorded from Sitka (Hamilton, l.c., p. 30).

PYTHIDAE.

*Salpingus elongatus* Mann. ? Fairbanks (1). Recorded by Mannerheim (Bul. Mosc., 1852, ii, no. 134) from Sitka.

ELATERIDAE.

*Ludius volitans* Esch. Juneau (1).

*Hypnoidus bicolor* Esch. McKinley National Park (6).

*H. extricatus* Fall. McKinley National Park (2).

*Ampedus moerens* LeC. Fairbanks (1). Previously known from California to Washington.

BUPRESTIDAE.

*Dicerca tenebrica* Kby. (*prolongata* LeC.). Fairbanks, on poplar (14). Not previously recorded from Alaska.

*D. tenebrosa* Kby. Fairbanks (16).

*Poecilnota cyanipes* Say. Stikine River, B. C. (1 ♂). The form of the last ventral segment is far closer to that figured by Chamberlin (*Jour. N. Y. Ent. Soc.*, XXX, 1922, pp. 56-58, pl. VII, figs. 5-8) for the typical form of the species, which he records from Maine and Texas to Alberta, than to that of his western variety, *californica*, which he records from Yukon Territory to Utah and California.

*Buprestis nuttali* Kby. Fairbanks (50). Not previously recorded from Alaska.

*Melanophila drummondi* Kby. Fairbanks (7).

*Chrysobothris breviloba* Fall. Fairbanks (12). Not previously recorded from Alaska.

BYRRHIDAE.

*Byrrhus* sp. near *difficilis* Csy. McKinley National Park (1).

COCCINELLIDAE.

*Adalia frigida* Schn. ab. *fasciata* Weise and ab. *hyperborea* Payk. (= *disjuncta* Rand.). One specimen of each from Fairbanks. This species has not previously been recorded from Alaska.

TENEBRIONIDAE.

*Phellopsis porcata* LeC. Wrangell Is. (5).

*Upis ceramboides* L. Anchorage (1), Fairbanks (1).

ANOBIIDAE.

*Xyletinus lugubris* LeC. Stikine River, B. C. (1). Recorded by Fall (*Trans. Am. Ent. Soc.*, XXXI, 1905, p. 203) from Massachusetts to Nebraska.

SCARABAEIDAE.

*Dichelonyx backii* Kby. Stikine River, B. C. (1).

LUCANIDAE.

*Platycerus depressus marginalis* Csy. Stikine River, B. C. (1). Described from Washington. No species of this family appears to be listed from Alaska!

CERAMBYCIDAE.

- Tetropium* sp. near *cinnamopterum* Kby. but smaller. McKinley National Park (1).  
*Acmaeops pratensis* Laich. Anchorage (1), McKinley National Park (1), Fairbanks (1).  
*Merium proteus* Kby. Fairbanks (1).  
*Xylotrechus undulatus* Say. Fairbanks (13).—ab. *interruptus* Cast. Fairbanks (1).  
*X. obliteratus* LeC. Stikine River, B. C. (1).  
*Neoclytus muricatus* Kby. Fairbanks (5).  
*Monochamus scutellatus* Say. Fairbanks (7).

CHRYSOMELIDAE.

- Orsodacne atra* Ahr. var. O. Hatch, N. Y. St. Coll. For. Tech. Publ. 17, 1924, p. 307. Fairbanks (1).  
*Adoxus obscurus villosulus* Schr. Anchorage (1). Stikine River, B. C. (13).  
*Calligrapha multipunctata* Say. Fairbanks (1). Not previously recorded from Alaska.  
*Chrysolina engelhardti* n. sp. McKinley National Park (1).  
*Chrysolina interrupta* Fab. var. *aenicollis* Schf. Stikine River, B. C. (5).  
*Altica tombacina* Mann. Stikine River, B. C. (2).

CURCULIONIDAE.

- Lepyrus gemellus* Kby. Fairbanks (1). Recorded by Hamilton (Trans. Am. Ent. Soc., XXI, 1894, p. 34) from south central Alaska.

***Chrysolina engelhardti* n. sp.**

Length 6.75 mm.; black, shining; spots on the mandibles, on the maxillae, on the first two or three antennal segments, and on the pro- and mesocoxae rufous; the trochanters, the femora, and the tibiae rufous except for the infusate knees and tibial apex; head coarsely punctate, alutaceous, rugosely depressed between the smooth tubercles above the point of insertion of the antennae; antennae reaching one segment behind the base of the pronotum, the last five segments forming an elongate club; pronotum twice as wide as long, the apex about two-thirds as wide as the base, the sides broadly arcuate in front, obliquely convergent behind to the obtuse hind angles, the base broadly arcuate, nearly straight at middle, the disc alutaceous,

coarsely punctate, more finely so either side of the median line, the sides thickened and set with a few coarser punctures, the lateral groove marked by a few coarser punctures, feeble, almost obsolete in front; scutellum smooth; elytra finely wrinkled, the intervals convex, the evenly numbered ones more strongly convex and smooth or with only a few coarse punctures, the odd numbered ones less convex and irregularly coarsely punctate, the striae represented by more or less regular impressed series of coarse punctures; venter shining, the thoracic side pieces coarsely punctate; hind wings present.

Type: McKinley Nat. Park, Alaska, July 5, 1938, G. P. Engelhardt (in collection of author).

This species runs to *blaisdelli* Van D. in Van Dyke's key (Bull. Brook. Ent. Soc., XXXIII, 1938, pp. 46-49), being distinguished therefrom by its uniform non-metallic shining black color, the femora and tibiae alone being rufous.

I take pleasure in dedicating this species to Mr. George P. Engelhardt, whose energy and courtesy have made this little study possible.

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NOTE: In addition, the following beetles, determined by Mr. Donald DeLeon, were collected June 28, 1938, on logs of pine and fir at a sawmill at Fairbanks:

*Ips perturbatus* (Eich.), 14 specimens.

*I. borealis* Sw., 3 specimens.

*Scolytus piceae* (Sw.), 2 specimens.—G. P. E.